

Water-Data Report 2006

10172630 GOGGIN DRAIN NEAR MAGNA UTAH

Jordan Basin Jordan Subbasin

LOCATION.--Lat 40°49'00", long 112°06'00" referenced to North American Datum of 1927, Salt Lake County, UT, Hydrologic Unit 16020204, about 7 mi downstream from Surplus Canal wasteway, 3.3 mi north of Saltair, and 7.2 mi north of Magna.

DRAINAGE AREA.—Not determined.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--October 1963 to September 1968, October 1971 to September 1984, May 2006 to September 30, 2006.

GAGE.--Water-stage recorder. Elevation of gage is 4,204 ft above NGVD of 1929, from topographic map.

REMARKS.--Records good except for estimated daily discharges, which are fair. The drain carries natural drainage and surplus water spilled from canals from the area, as well as Jordan River water from Surplus Canal.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,850 ft3/s, Jun 10, 2006; no flow several days many years.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,850 ft³/s, Jun 10, gage height, 16.67 ft; minimum daily discharge, 11 ft³/s, Jul 31.

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10172630 GOGGIN DRAIN NEAR MAGNA UTAH—Continued

DISCHARGE, CUBIC FEET PER SECOND WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006 DAILY MEAN VALUES

[e, estimated]

1 1,340 523 2 1,330 403 3 1,290 1,380 332 4 1,290 1,440 309 5 1,500 1,530 283 6 1,460 1,580 319 7 1,460 1,580 319 7 1,420 1,620 285 8 1,420 1,660 227 9	179 335 181 114 35 19 20 26 22 19 17 22 123 42 42 33 25	28 25 27 38 33 29 26 33 46 38 33 29 25 18 298 548 263
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21 1,800 1,090 17 22 1,820 1,060 16 23 1,810 972 18	24	211
22 1,820 1,060 16 23 1,810 972 18	20	283
23 1,810 972 18	24	203
,	30	298
,	12	224
25 1,710 894 22	22	182
26 1,710 867 28	29	153
27 1,720 846 18	29	88
28 1,740 765 15	26	84
29 1,660 666 13	45	81
30 1,550 623 14	44	80
31 1,410 11	34	
Total 38,099 3,523 1.	,637 3	3,715
Mean 1,270 114	52.8	124
Max 1,830 523	335	548
Min 623 11	12	18
		7,370

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